

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Duane OUTKA et al.

Application No.: 09/820,691

Filed: March 30, 2001

For: METHOD OF REDUCING
ALUMINUM FLUORIDE DEPOSITS IN
PLASMA ETCH REACTOR



Group Art Unit: 1746

Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
JUL 16 2001
TC 1700

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [] Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ [] A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: _____

Peter K. Skiff

Registration No. 31,917

Date: 7-12-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Duane OUTKA et al.) Group Art Unit: 1746
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Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 4,657,616, Benzing et al., issued April 14, 1987
U.S. Patent No. 4,786,352, Benzing, issued November 22, 1988
U.S. Patent No. 4,816,113, Yamazaki, issued March 28, 1989
U.S. Patent No. 4,842,683, Cheng et al., issued June 17, 1989
U.S. Patent No. 4,857,139, Tashiro et al., issued August 15, 1989
U.S. Patent No. 5,006,192, Deguchi, issued April 9, 1991
U.S. Patent No. 5,129,958, Nagashima et al., issued July 14, 1992
U.S. Patent No. 5,158,644, Cheung et al., issued October 27, 1992
U.S. Patent No. 5,207,836, Chang, issued May 4, 1993
U.S. Patent No. 5,356,478, Chen et al., issued October 18, 1994
U.S. Patent No. 5,468,686, Kawamoto, issued November 21, 1995
U.S. Patent No. 5,514,246, Blalock, issued May 7, 1996
U.S. Patent No. 5,647,953, Williams et al., issued July 15, 1997
U.S. Patent No. 5,709,757, Hatano et al., issued January 20, 1998

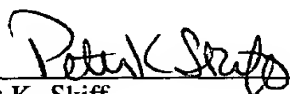
U.S. Patent No. 5,753,137, Ye et al., issued May 19, 1998
U.S. Patent No. 5,756,400, Ye et al., issued May 26, 1998
U.S. Patent No. 5,817,578, Ogawa, issued October 6, 1998
U.S. Patent No. 5,926,743, Xi et al., issued July 20, 1999
U.S. Patent No. 5,954,887, Hatano, issued September 21, 1999
U.S. Patent No. 6,014,979, Van Autryve et al., issued January 18, 2000
U.S. Patent No. 6,060,397, Seamons et al., issued May 9, 2000
Japanese Patent No. 3-62520, issued March 18, 1991
Japanese Patent No. 57-201016, issued December 9, 1982
Japanese Patent No. 61-250185, issued November 7, 1986
Japanese Patent No. 62-214175, issued September 19, 1987
Japanese Patent No. 63-267430, issued November 4, 1988

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: 7-12-01

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 ATTORNEY'S DKT No.
015290-496

 APPLICATION No.
09/820,691

 APPLICANT
Duane OUTKA et al.

 FILING DATE
March 30, 2001

 GROUP
1746

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	4,657,616		Benzing et al.	04/14/87
	4,786,352		Benzing	11/22/88
	4,816,113		Yamazaki	03/28/89
	4,842,683		Cheng et al.	06/27/89
	4,857,139		Tashiro et al.	08/15/89
	5,006,192		Deguchi	04/09/91
	5,129,958		Nagashima et al.	07/14/92
	5,158,644		Cheung et al.	10/27/92
	5,207,836		Chang	05/04/93
	5,356,478		Chen et al.	10/18/94
	5,468,686		Kawamoto	11/21/95
	5,514,246		Blalock	05/07/96
	5,647,953		Williams et al.	07/15/97
	5,709,757		Hatano et al.	01/20/98
	5,753,137		Ye et al.	05/19/98
	5,756,400		Ye et al.	05/26/98
	5,817,578		Ogawa	10/06/98
	5,926,743		Xi et al.	07/20/99
	5,954,887		Hatano	09/21/99
	6,014,979		Van Autryve et al.	01/18/00
	6,060,397		Seamons et al.	05/09/00

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	3-62520		Japan	03/18/91	X	
	57-201016		Japan	12/09/82	X	
	61-250185		Japan	11/07/86	X	
	62-214175		Japan	09/19/87	X	
	63-267430		Japan	11/04/88	X	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.